Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 14 Dec 2023 until 23:59 on Friday 15 Dec 2023

Forecast Issued on Thursday 14 Dec 2023 at 02:28

Confidence: High

Headline for Thursday 14 Dec 2023: Damp start, but brightening up.

Mountain weather hazards on Thursday 14 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Drizzle	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
90%	60%	30%	<05%	<05%	<05%

Forecast for Thursday 14 Dec 2023

Weather: Outbreaks of rain and drizzle during the morning, but becoming drier by midday and the cloud beginning to lift and break, some bright spells developing during the afternoon. Mainly dry into the evening, although an isolated shower is perhaps possible.

Chance of cloud-free hill tops above 600m: 10% to start, rising to 80% into the afternoon.

Low cloud and visibility: Increasingly extensive cloud with bases down to 200-300m initially, lifting and breaking slowly through the late morning to give patchy cloud with bases 600-900m into the afternoon. Visibility moderate to very poor initially, becoming mostly very good into the afternoon and evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Thursday 14 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/26 SW	16/19 SW	14/18 W	13/18 W	11/16 W	12/17 W	14/20 W
300	12/20 S	10/15 S	11/14 W	8/13 W	8/12 SW	9/15 SW	10/16 SW
Valley	6/18 S	3/13 S	6/13 W	3/13 W	3/11 SW	4/12 SW	4/14 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-5	3/-2	4/-0	4/-0	3/-1	3/-1	3/-2
300	3/-1	4/0	6/3	6/4	5/2	5/2	4/1
Valley	3/0	4/3	6/4	6/4	4/3	5/3	4/2
Freezing Level*	1100m	1600m	1100m	1000m	1100m	1000m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing further to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 14 Dec 2023	1mm	3.4mm	14.2mm

Forecast for Friday 15 Dec 2023

Weather: Mainly dry overnight and during the day with clear spells. Lowering cloud and perhaps some spots of rain and drizzle into the evening. Increasingly windy with a significant wind chill over the summits but otherwise fairly mild for the time of year.

Maximum wind: West or Southwest 20 to 25mph gusting 35mph.

Chance of cloud-free hill tops above 600m: 80%, falling 30% during the evening.

Low cloud and visibility: Scattered cloud above summits, becoming increasingly extensive with bases lowering towards 400-600m into the evening. Visibility mainly good

Temperature: **Valleys:** Plus 4 to 10 Celsius
At 600m: Plus 2 rising to 6 Celsius
Freezing level: Above the summits

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